

May 15th, 2018

Ms. Cheryl Smith
clsmith@columbus.gov
111 N. Front Street,
Columbus OH 43215

Dear Ms. Smith

Please accept the following comments and questions about the **SR 315 & North Broadway Interchange Improvements Stormwater Variance Request for intrusions into the Stream Corridor Protection Zone.**

FLOW appreciates the opportunity to comment on this SCPZ variance and also appreciates the outreach from the City of Columbus's contractors Burgess and Niple.

1. Can a floodplain bench be added to the northern stream section? Sediment trapping can be increased by maximizing floodplain benches and the Olentangy TMDL requires a reduction of 65% of TSS.
2. Can you please provide a longitudinal profile for the stream mitigation? The elevations appear to result in a stream drop, and the profile can serve to illustrate the anticipated pool/riffle/run habitat relative to the existing stream.
3. Will the northern section of the stream just be a ditch?
4. Is it possible to replace the stream at a higher elevation and have less steep slopes? It appears that the proposed stream mitigation design is primarily for stormwater management, to handle the increased volume of stormwater.
5. Is there a management plan to ensure that the sloped area near the highway will remain vegetated with native species?
6. How will stormwater from the ramps be handled so that flashy flows will not impact the mitigated stream (as shown in Figure FRA-315-06.37 Proposed SCPZ Stream Mitigation Typical Section). Our concern is also about salt runoff.
7. Can you please explain the structures on Sheets 3 through 7 for Project 2? Is ODOT required to provide mitigation for impacts of the highway and ramps that remain in the stream corridor protection zone? For example, check Sheet 5 of 7 at 442+00.

"Keeping the Olentangy River and its tributaries clean and safe for all to enjoy, through public education, volunteer activities, and coordination with local decision-makers".

8. We request that erosion control mat be biodegradable.

9. Can you please explain why the Turkey Run 100 year Flood Line does not extend east of Olentangy River Road on sheet 3429-E?

10. What are the stormwater impacts of "The existing water table is close to the existing ground surface in this location" regarding the new southbound SR 315 ramp to Broadway? FLOW requests more information related to how stormwater will be handled from these new impervious surfaces.

11. FLOW is not supportive of variances for hardship of stormwater retention, especially ones that may result in the flooding of the First Merchant Parking lot, as flooding of parking lots is an approved approach.

12. Regarding the proposed Stream Corridor Protection Zone Mitigation- We understand that the proposed SCPZ mitigation area is restricted to parcel 010-067230 but this is an artificial barrier and we request that the city consider removing all the honeysuckle behind the fence in that reach of the Olentangy Trail. The adjacent land in this reach does not appear to be owned by anyone.

Sincerely,



Laura Fay
FLOW Science Committee Chairwoman